FireWire 2-Port CardBus Quick Installation Guide

Introducing the *FireWire 2-Port CardBus*

The *FireWire 2-Port CardBus* is designed to add FireWire (1394a) interface to notebook computers for easy connection to DV camcorders, hard disk drives, scanners, printers, and other 1394 devices. For your convenience, a FireWire (1394a) 6-pin/4-pin DV cable is included for connecting DV camcorders and other 1394 devices using 4-pin connector. Ulead VideoStudio video editing software is also included for producing greeting cards, video e-mails, or home videos complete with attractive titles, effects, and background music.

Features and Benefits

- Compliant with IEEE 1394-1995, P1394a-2000 and OHCI 1.1 standards
- Supports serial bus data transfer rates of 100, 200 and 400Mbps
- Hot-swapping allows you to connect/detach devices without first turning your system off
- Supports both asynchronous and isochronous data transfer modes
- Works with a variety of 1394 devices including digital cameras, DV camcorders (Sharp, Sony, Panasonic, JVC, Cannon and other brands), portable hard disks, CD-RW/DVD-ROMs, printers and other audio/video devices

System Requirements

- Pentium III or equivalent notebook PC with an available CardBus Type II slot
- Windows® 98SE/ME/2000/XP (32-/64-bit)/ Server 2003 (32-/64-bit)/Vista (32-/64-bit)

Recommended system for Digital Video capturing/editing:

- Pentium 4 or above notebook computer
- 512 MB RAM and 5 GB of available hard disk space

Package Contents

- *FireWire 2-Port CardBus*
- FireWire (1394a) 6-pin/4-pin DV cable
- Ulead VideoStudio DV editing software
- Quick installation guide

Layout

Figure 1. Layout

***Note**: The power adapter (not included) can be purchased on SIIG's online store. If your FireWire device does not come with it's own power supply, you will need to purchase this power adapter.

Hardware Installation

General instructions for installing the card are provided below. Since the design of notebook computers may vary, refer to your system's reference manual for further information, if needed.

1. Power off your notebook computer and any other connected peripheral devices.
2. Insert the PC Card into the CardBus Type II slot of your notebook computer with its 68-pin connector facing the slot. Make sure it is inserted all the way in for a solid connection.
3. Power on your notebook computer.

Driver Installation

This section will guide you through the installation of your *FireWire 2-Port CardBus*.

Windows 98SE

1. At the **Add New Hardware Wizard**, click **Next**.
2. Choose **Search for the best driver for your device**, and click **Next**.
3. Uncheck all the boxes, click **Next, Next, Next**.

> **Note:** If you are prompted to insert your Windows Installation CD-ROM, insert it and click **OK**.

4. Click **Finish,** then restart Windows to complete the driver installation.

Windows ME

1. At the **Add New Hardware Wizard**, choose **Automatic search for a better driver (Recommended)**, then click **Next**.
2. Click **Finish** then restart Windows to complete the installation.

Windows 2000/XP/Server 2003/Vista

Windows 2000, XP, Server 2003 and Vista will automatically detect and install the correct driver for your *FireWire 2-Port CardBus*. Restart Windows if prompted.

To Verify Driver Installation

1. Check **Device Manager** to verify successful driver installation.

   Windows 98SE/ME: From the main desktop, right click **My Computer**, then click **Properties**. Click **Device Manager** tab.

   Windows 2000/XP/Server 2003: Right click **My Computer**, then click **Manage**. Click **Device Manager**.

   Windows Vista™: Right click **Computer**, click **Manage**, click **Continue**, then click **Device Manager**.
2. Double click **1394 Bus Controller** or **IEEE 1394 Bus host controllers** option.

   - An **IEEE 1394 Host Controller** should be displayed.

Ulead VideoStudio Software Installation

The *FireWire 2-Port CardBus* includes Ulead VideoStudio DV editing software for producing home videos complete with attractive titles, transitions and sounds.

1. Insert the Ulead VideoStudio DV software CD. Autorun should start automatically. If not, click **Start**, **Run**, type in **X:\Autorun.exe** or **X:\setup.exe**, then click **OK**. (Replace **X:** with the drive letter of your CD-ROM)
2. Choose **Install Ulead VideoStudio** and follow the on-screen instructions to complete.

> **Note:** For instructions on how to use **Ulead VideoStudio**, please refer to **VStudio.pdf** file located in the **Document\Manual** directory on the Ulead VideoStudio DV editing software CD.

Connecting a DV Camcorder

Before setting up the digital video camcorder, verify the *FireWire 2-Port CardBus*' driver has been successfully installed in your system, then follow the procedures below.

1. Boot up your system.
2. Connect the 4-pin connector of the provided FireWire (1394a) DV cable to your camcorder.
3. Connect the 6-pin connector to the FireWire (1394a) port.
4. Power on the camcorder. The camcorder should now appear in **Device Manager**.

To Verify Successful DV Camcorder Setup

1. Check **Device Manager** to verify successful installation.

   Windows 98SE/ME: From the main desktop, right click **My Computer**, then click **Properties**. Click **Device Manager** tab.

   Windows 2000/XP/Server 2003: Right click **My Computer**, then click **Manage**. Click **Device Manager**.

   Windows Vista™: Right click **Computer**, click **Manage**, click **Continue**, then click **Device Manager**.

2. Double click **Imaging Device(s)**.

   - A **Microsoft DV Camera and VCR** or **DV Camcorder** should be displayed.

Connecting Other 1394 Devices

Many FireWire devices have built-in driver support with Windows 98SE/ME/2000/XP/Server 2003/Vista. Please refer to the device's user manual for installation information. Depending on the device you purchased, a different 1394 cable may be used. Refer to your 1394 device's manual for more details.

Technical Support and Warranty

QUESTIONS? SIIG's **Online Support** has answers! Simply visit our web site at ***www.siig.com*** and click **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analysts will promptly respond.

SIIG offers a lifetime manufacturer warranty with this product. Please see our web site for more warranty details. If you encounter any problems with this product, please follow the procedures below.

A) If it is within the store's return policy period, please return the product to the store where you purchased from.

B) If your purchase has passed the store's return policy period, please follow these steps to have the product repaired or replaced.

Step 1: Submit your RMA request.

Go to **www.siig.com**, click **Support**, then **RMA** to submit a request to SIIG RMA. If the product is determined to be defective, an RMA number will be issued. SIIG RMA department can also be reached at (510) 413-5333.

Step 2: After obtaining an RMA number, ship the product.

- Properly pack the product for shipping. All software, cable(s) and any other accessories that came with the original package must be included.
- Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton.
- You are responsible for the cost of shipping. Ship the product to the following address:

  SIIG, Inc.
  6078 Stewart Avenue
  Fremont, CA 94538-3152, USA
  RMA#: _____

- SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer.

About SIIG, Inc.

Founded in 1985, SIIG, Inc. is a leading computer upgrade manufacturer of I/O connectivity products, including PCI & ISA serial and parallel ports, USB, Serial ATA & UltraATA controllers, FireWire (1394a/b), networking, sound cards, and other accessories. SIIG is the premier one-stop source of upgrades.

SIIG products offer comprehensive user manuals, many user-friendly features, and are backed by an extensive manufacturer warranty. High-quality control standards are evident by the overall ease of installation and compatibility of our products, as well as one of the lowest defective return rates in the industry. SIIG products can be found in computer retail stores, mail order catalogs, through major distributors, system integrators, and VARs in the Americas and the UK, and through e-commerce sites.

PRODUCT NAME
FireWire 2-Port CardBus

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

FCC COMPLIANCE STATEMENT:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE

SIIG, Inc.
6078 Stewart Avenue
Fremont, CA 94538-3152, USA

FireWire 2-Port CardBus is a trademark of SIIG, Inc. SIIG and the SIIG logo are registered trademarks of SIIG, Inc. Microsoft, Windows and Windows Vista are registered trademarks of Microsoft Corporation. Pentium is a registered trademark of Intel Corporation. Other names used in this publication are for identification only and may be trademarks of their respective companies.

October, 2007 Copyright © 2007 by SIIG, Inc. All rights reserved.